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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/602,938	06/24/2003	Thompson M. Sloane	GP-303216	1828	
7590 01/04/2005			EXAM	EXAMINER	
General Motors Corporation			ESHETE, 2	ESHETE, ZELALEM	
Legal Staff, Ma	iil Code 482-C23-B21				
300 Renaissance Center			ART UNIT	PAPER NUMBER	
P. O. Box 300 Detroit, MI 48265-3000			3748		
			DATE MAILED: 01/04/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)				
Advisory Action	10/602,938	SLOANE ET AL.				
·	Examiner	Art Unit				
	Zelalem Eshete	3748				
The MAILING DATE of this communication app	ars on the cover she t with the c	correspondence address				
THE REPLY FILED 10 December 2004 FAILS TO PLACE Therefore, further action by the applicant is required to a final rejection under 37 CFR 1.113 may only be either: (*condition for allowance; (2) a timely filed Notice of Appe Examination (RCE) in compliance with 37 CFR 1.114.	void abandonment of this application (1) a timely filed amendment whi	cation. A proper reply to a ch places the application in				
PERIOD FOR RE	EPLY [check either a) or b)]					
a) The period for reply expires <u>3</u> months from the mailing date of the final rejection.						
b) The period for reply expires on: (1) the mailing date of this Adverse, however, will the statutory period for reply expire later the ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The data.	an SIX MONTHS from the mailing date of FILED WITHIN TWO MONTHS OF THE	f the final rejection. E FINAL REJECTION. See MPEP				
nave been filed is the date for purposes of determining the period of exten 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened (b) above, if checked. Any reply received by the Office later than three moveanned patent term adjustment. See 37 CFR 1.704(b).	sion and the corresponding amount of the d statutory period for reply originally set in	fee. The appropriate extension fee under the final Office action; or (2) as set forth in				
1 A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.						
2. \square The proposed amendment(s) will not be entered b	ecause:					
(a) They raise new issues that would require further consideration and/or search (see NOTE below);						
(b) ☐ they raise the issue of new matter (see Note below);						
(c) they are not deemed to place the application issues for appeal; and/or	in better form for appeal by mat	erially reducing or simplifying the				
(d) (d) they present additional claims without cance	ling a corresponding number of	finally rejected claims.				
NOTE:						
3. Applicant's reply has overcome the following rejection.	· · ——					
4. Newly proposed or amended claim(s) would canceling the non-allowable claim(s).	I be allowable if submitted in a s	separate, timely filed amendment				
5. ☑ The a) ☐ affidavit, b) ☐ exhibit, or c) ☑ request for application in condition for allowance because: See		sidered but does NOT place the				
6. The affidavit or exhibit will NOT be considered be raised by the Examiner in the final rejection.	cause it is not directed SOLELY	to issues which were newly				
7. For purposes of Appeal, the proposed amendmen explanation of how the new or amended claims w						
The status of the claim(s) is (or will be) as follows:	:					
Claim(s) allowed:						
Claim(s) objected to: 18,19 and 36.	• • • • • • • • • • • • • • • • • • • •					
Claim(s) rejected: <u>1-17 and 20-35</u> .						
Claim(s) withdrawn from consideration:						
8. \square The drawing correction filed on is a) \square app	proved or b) disapproved by	the Examiner.				
Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)						
10. Other:		Thomson THOMAS DENION SUPERVISORY PATENT EXAMINER				
		TOWNS TO STANDING				

Continuation of 5. does NOT place the application in condition for allowance because: In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See In re Keller, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); In re Merck & Co., 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). Dahung in view of Bundrick discloses all the claimed limitations except for concurrent main and pilot injections. The Gonzalez reference is relied in its teaching of concurrent main and pilot injection timing to cure the deficiency (see column 2, line 67 to column 3, line 3). Gonzalez teaches the motivation for implementing concurrent or staged injections depending on application parameters (see column 2, line 67 to column 3, line 3). The use of double fuel injections are equally germaine to both spark ignition and compression ignition engines. Claim 9 is "previously amended" and not "currently amended" as shown in the amendement.